

**FORM PTO-1449** U.S. Department of  
Commerce (Rev. 4/92) Patent and Trademark  
Office

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use several sheets if necessary)

ATTY. DOCKET NO.

500.38242CX1

SERIAL NO.

N ty assigned

APPLICANT

H. TABUCHI, et al

FILING DATE

October 20, 2003

GROUP

2143

**U.S. PATENT DOCUMENTS**

EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>[Signature]</i>	6 1 7 8 5 2 1	1/01	Filgate	714	6	
<i>[Signature]</i>	6 0 5 2 7 9 9	4/00	Li et al	714	13	
<i>[Signature]</i>	5 3 9 0 3 2 7	2/95	Lubbers et al	714	7	
<i>[Signature]</i>	6 1 7 3 2 9 3	1/01	Thekkath et al	707	201	
<i>[Signature]</i>	6 1 6 1 1 6 5	12/00	Solomon et al	711	114	
<i>[Signature]</i>	6 5 3 5 9 9 4	3/03	Kedem	714	6	
<i>[Signature]</i>	5 7 4 2 7 9 2	4/98	Yanai et al	711	162	
<i>[Signature]</i>	6 1 5 7 9 9 1	12/00	Arnon	711	161	
<i>[Signature]</i>	5 7 9 9 1 4 1	8/98	Galipeau et al	714	13	
<i>[Signature]</i>	5 9 3 7 4 1 4	8/99	Souder et al	707	203	
<i>[Signature]</i>	6 3 2 4 6 5 4	11/01	Wahl et al	714	6	

**FOREIGN PATENT DOCUMENTS**

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	ABSTRACT
					YES NO
6 2 9 0 1 2 5	10/94	Japan			

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

Digital Equipment Corporation, "Digital Storage SCSI Bus Extenders/Converters and UltraSCSI Hubs", version 2.0, released 2 March 1998, pp. 7.1-7-5.

Digital Equipment Corporation "Digital Equipment Announces StorageWorks: Capacity Breakthrough for DSSI Systems Customers", released 8 March 1994.

EXAMINER

DATE CONSIDERED

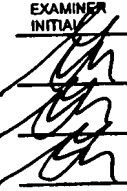
4/2007

EXAMINER: Initial if citation is considered, draw line through citation if not in compliance and not considered. Include copy of this form with next communication to applicant.

(Form PTO-1449 [6-4])

<b>FORM PTO-1449 U.S. Department of Commerce (Rev. 4/92) Patent and Trademark Office</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use several sheets if necessary)	ATTY. DOCKET NO.	SERIAL NO.
	500.38242CX1	N t yet assigned
	APPLICANT H. TABUCHI, et al	
	FILING DATE October 20, 2003	GROUP 2143

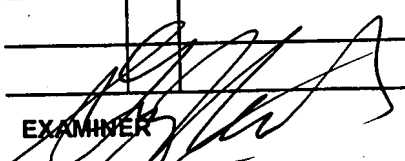
## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	6 4 1 5 3 7 3	7/02	Peters et al	711	167	
	5 7 2 0 0 2 9	2/98	Kern et al	714	20	
	5 8 9 3 1 4 0	4/99	Vahalla et al	711	118	

## FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	ABSTRACT	
					YES	NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER	DATE CONSIDERED
	4/2007

EXAMINER: Initial if citation is considered, draw line through citation if not in compliance and not considered. Include copy of this form with next communication to applicant.

(Form PTO-1449 [6-4])

Form PTO- 1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DKT. NO. 500.38242CX1	SERIAL NO. 10/687,637
INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (Use several sheets if necessary)		APPLICANT Tabuchi, et al.	
		FILING DATE October 20, 2003	GROUP 2153

## U.S. PATENT DOCUMENTS

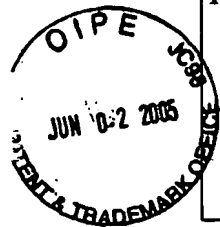
Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date
AA	2001/0010070	07-26-2001	Crockett et al.			
AB	6,260,124	07-10-2001	Crockett et al.			
AC	6,044,444	03-28-2000	Ofek			
AD	5,949,970	09-07-1999	Sipple			
AE	5,870,637	02-09-1999	Kern et al			
AF	5,845,328	12-01-1998	Maya et al			
AG	5,799,141	08-25-1998	Galipeau			
AH	5,544,347	08-16-1996	Yani et al			
AI	5,257,352	10-26-1993	Yamamoto			
AJ	5,799,141	08-1998	Galipeau et al			
AK	6,408,370	06-2002	Yamamoto et al			
AL	5,577,222	11-1996	Micka et al			

## FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class	Subclass	Abstract	
						Yes	No
AM	11-85408	03-30-1999	JP			X	
AN	EP0902370A2	03-17-1999	EP			X	
AO	09-325917	12-16-1997	JP			X	
AP	0672885	09-20-1995	EP			X	
AQ	0671666A2	09-13-1995	EP			X	
AR							

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AU	"IBM 3990/9390 Storage Control", 9 <sup>th</sup> Edition Oct. 1996, pp.23-26 and 78-89.
AV	
AW	
AX	
AY	
AZ	
Examiner	Date Considered 4/2007



Form PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DKT. NO. 500.38242CX1	SERIAL NO. 10/687,637
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use several sheets if necessary)		APPLICANT Tabuchi, et al.	
		FILING DATE October 20, 2003	GROUP 2153

## U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date
AA	5,446,871	08-29-1995	Shomler et al.			
AB	5,544,347	08-06-1996	Yanai et al.			
AC	5,742,972	04-21-1998	Yanai et al.			
AD	US/09/526,948		Tabuchi et al.			03/16/00
AE	US/09/513,932					02/28/00
AF	US2003/0782526A1	09-2003	Mikkelsen et al.			
AG	6,539,462B1	03-2003	Mikkelsen et al.			
AH	5,720,029	02-1998	Kern et al.			
AI	5,615,329	03-1997	Kern et al.			
AJ	5,592,618	01-1997	Micka et al.			
AK						
AL						

## FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class	Subclass	Abstract	
						Yes	No
AM							
AN							
AO							
AP							
AQ							
AR							
AS							
AT							

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AU	
AV	
AW	
AX	
AY	
AZ	
Examiner	Date Considered 4/2007

AD and AE not in compliance with 37 CFR 1.98  
 AD not on record  
 AE - inventor's name missing (198(b)(3))

FORM PTO-1449 U.S. Department of  
Commerce Patent and Trademark Office

ATTY. DOCKET NO.

SERIAL NO.

500.38242CX1

10/687,637

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

(Use several sheets if necessary)

APPLICANT

H. TABUCHI, et al

FILING DATE

October 20, 2003

GROUP

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER								DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>[Signature]</i>	5	3	7	5	2	3	2		12/94	Legvold et al			

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER								DATE	COUNTRY	CLASS	SUBCLASS	ABSTRACT	
													YES	NO
<i>[Signature]</i>	9	4	0	0	8	1	6		1/94	PCT				
<i>[Signature]</i>	9	8	2	0	4	1	9		5/98	PCT				
<i>[Signature]</i>	0	6	1	7	3	6	2		9/94	European				
<i>[Signature]</i>	0	7	2	4	2	2	3		7/96	European				

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


EXAMINER

DATE CONSIDERED

4/2007

EXAMINER: Initial if citation is considered, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

(Form PTO-1449 [6-4])